JAGO RIVER STRATIGRAPHIC SECTION Sec. 27, T. 7 N., R. 35 E. MAP LOCATION NO. 21 MEASURED BY: J. G. BOLM JULY 1979 L. MAXEY Permeability or Environment INTERBEDDED SHALE and CLAY - shale with calcareous mudstone concretions as below, clay as below but with some pods of very light gray N8 very fine sandy silt; soft sediment box and disharmonic folds are common in this interval; typical axial plunges of folds are 8° N. 85° E. and 16° S. 70° W. Marine Cretaceous 95 - GB - 79 94 - GB - 79 Cretaceous INTERBEDDED SHALE and CLAY - shale olive black 5Y 2/1, papery, contains some laminated dark olive gray 5Y 3/1 calcareous mudstone concretions in layers to 6 inches; gypsum crystals and sulfur dust in fissility, fissility wraps around concretions, in beds to 2 feet; pentonitic clay as below but more abundant Cretaceous 87 - GB - 79-INTERBEDDED SHALE and CLAY - shale olive black 5Y 2/1, papery, contains some light brown 5YR 5/3 carbonate layers to 2 inches thick, gypsum crystals and sulfur dust common in fissility, 2- to 4-inch beds; clay moderate grayish yellow 5Y 8/6 and dark yellowish orange 10 YR 6/6, bentonitic, in 1- to 4-inch beds; this interval contains some soft sediment box folds CRET COLVILLE SEABEE STRIKE N 50°E 60°S DIP 86 - GB - 79 85 - GB - 79 Late 84 - GB - 79 Cretaceous INTERBEDDED SHALE and CLAY - shale olive black 5Y 2/1, papery, contains abundant light brown 5YR 5/3 carbonate lenses, gypsum crystals and sulfur dust common in fissility, 2-inch to 4-foot beds; clay moderate grayish yellow 5Y 8/6 and dark yellowish orange 10YR 6/6, bentonic, 1- to 4-inch beds Marine Mesozoic This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 12